

# UNIVERSIDAD DE CASTILLA - LA MANCHA **GUÍA DOCENTE**

Code: 57339

ECTS credits: 12

Academic year: 2023-24

Group(s): 20

Duration: AN

## 1. General information

Course: WORK PLACEMENT Type: PRACTICUM-RELATED COURSE Degree: 409 - CHEMISTRY

Center: 1 - FACULTY OF SCIENCE AND CHEMICAL TECHNOLOGY

Year: 4

Second language: English Main language: Spanish Use of additional English Friendly: Y languages:

Bilingual: N Web site:

Web site: Bilingual: N												
Lecturer: AURELIA ALAÑON MOLINA - Group(s): 20												
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Lecturer: ALFONSO ARA	Lecturer: ALFONSO ARANDA RUBIO - Group(s): 20											
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Lecturer: MIGUEL ANGEL ARRANZ MONGE - Group(s): 20												
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Lecturer: BERNABE BALLESTEROS RUIZ - Group(s): 20												
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Lecturer: BEATRIZ CABA	AÑAS GALAN - Group(s): 20											
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Lecturer: FERNANDO CA	ARRILLO HERMOSILLA - Gro	up(s):	20			Ė						
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MAGNO	MAGNO QUÍMICA INORG., ORG., Y BIOQ.			lem	ando.camilo@dcim.es							
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	ALIMENTOS			91								
Lecturer: ANA MARIA CO	ONTENTO SALCEDO - Group	(s): <b>20</b>	)	,		,						
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Lecturer: ANGEL DIAZ O	n 112 - Group(s): 20		Phone	1								
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	NDEZ LOPEZ - Group(s): 20	JO	1=3000		1- 4							
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Lecturer: RAFAEL FERNANDEZ GALAN - Group(s): 20												
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Lecturer: JUAN AN	ITONIO	GONZALEZ SANZ - Group	` '								
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	LARA	SANCHEZ - Group(s): 20									
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Lecturer: JULIAN RO	DRIG	UEZ LOPEZ - Group(s): 20									
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Lecturer: MARIA SAC	Lecturer: MARIA SAGRARIO SALGADO MUÑOZ - Group(s): 20										
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Lecturer: ANA SANC	HEZ-N	MIGALLON BERMEJO - Gr	oup(s):	20							
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Lecturer: JUAN TEJE	DA S	OJO - Group(s): 20					<u> </u>				
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Lecturer: JUAN RAM	ON T	RAPERO ARENAS - Group	(s): <b>20</b>		,						
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Lecturer: MARGARITA VILLAR RAYO - Group(s): 20											
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### 2. Pre-Requisites

Not established

## 3. Justification in the curriculum, relation to other subjects and to the profession

Not established

# 4. Degree competences achieved in this course

# Course competences

Code Description

Apply their knowledge to their job or vocation in a professional manner and show that they have the competences to construct and CB02

justify arguments and solve problems within their subject area.

Be able to gather and process relevant information (usually within their subject area) to give opinions, including reflections on relevant CB03

social, scientific or ethical issues.

CB04 Transmit information, ideas, problems and solutions for both specialist and non-specialist audiences.

**CB05** Have developed the necessary learning abilities to carry on studying autonomously

E03 Handle chemicals safely and with respect to the environment

Know the basic operations and the unitary processes of the chemical industry E11

E14 Know and know how to apply the metrology of chemical processes, including quality management

Know how to handle the standard chemical instrumentation and be able to elaborate and manage standardized procedures of work in E15

the laboratory and chemical industry

E16 Plan, design and develop projects and experiments

Develop the ability to relate to each other the different specialties of Chemistry, as well as this one with other disciplines E17

(interdisciplinary character)

G02 Be able to gather and interpret data, information and relevant results, obtain conclusions and issue reasoned reports on scientific, technological or other problems that require the use of chemical tools G03 Know how to apply the theoretical-practical knowledge acquired in the different professional contexts of Chemistry G05 Acquire and adapt new knowledge and techniques of any scientific-technical discipline with incidence in the chemical field T04 Ethical commitment and professional ethics T05 Organization and planning capacity T06 Ability to approach decision making Ability to work as a team and, where appropriate, exercise leadership functions, fostering the entrepreneurial character T07 T08 Skills in interpersonal relationships Motivation for quality, job security and awareness of environmental issues, with knowledge of internationally recognized systems for the T09 correct management of these aspects

### 5. Objectives or Learning Outcomes

### Course learning outcomes

Description

Know the applications of chemistry in the agri-food, environmental, clinical, pharmaceutical and industrial fields

Train the student to be sensitive to the ethical exercise of the profession, becoming aware of the social responsibility of their reports and their impact on decision making

Train the student to solve problems based on the use of chemical tools and techniques.

Know some of the main professional activities of the graduate in chemistry

Acquire training in the way of working of the chemical professional in organizations (companies, institutions, laboratories, etc.) where the profession can potentially practice

Acquire skills for practical work, being able to develop it in coordination with other professionals.

Know the principles on the management of professional activity in different types of organizations

Become aware of the importance of teamwork, responsibility in performance, and responsible management strategies and leadership.

Train the student for autonomous work and learning, as well as for personal initiative.

### 6. Units / Contents

No units added

7. Activities, Units/Modules and Methodology										
Training Activity	Methodology	Related Competences (only degrees before RD 822/2021)	ECTS	Hours	As	Com	Description			
Practicum [ON-SITE]	Practical or hands-on activities		10	250	Υ	Υ				
Practicum and practical activities report writing or preparation [OFF-SITE]	Self-study		1.3	32.5	Υ	Υ				
Final test [ON-SITE]	Other Methodologies		0.1	2.5	Υ	Υ				
Individual tutoring sessions [ON-SITE]	Guided or supervised work		0.3	7.5	N	-				
Individual tutoring sessions [ON-SITE]	Guided or supervised work		0.3	7.5	N	-				
	12	300								
	Total credits of in-class work: 10.7					Total class time hours: 267.5				
	Total hours of out of class work: 32.5									

As: Assessable training activity

Com: Training activity of compulsory overcoming (It will be essential to overcome both continuous and non-continuous assessment).

8. Evaluation criteria and Grading System									
Evaluation System	Continuous assessment	Non- continuous evaluation*	Description						
Final test	30.00%	30.00%							
Practicum performance	40.00%	40.00%							
Practicum and practical activities reports assessment	30.00%	30.00%							
Total:	100.00%	100.00%							

According to art. 4 of the UCLM Student Evaluation Regulations, it must be provided to students who cannot regularly attend face-to-face training activities the passing of the subject, having the right (art. 12.2) to be globally graded, in 2 annual calls per subject, an ordinary and an extraordinary one (evaluating 100% of the competences).

### 9. Assignments, course calendar and important dates

planificacion.noplanificacion

10. Bibliography and Sources						
Author(s)	Title/Link	Publishing house	Citv	ISBN	Year	Description